

REDACTED

May 13, 1976

Rad. Health/ Land Survey
Mission Oaks S/D

G. F. Zimmermann Inc.
1628 South Florida Avenue
Post Office Box 2036
Lakeland, Florida 33803



10517231

Dear Sir:

Attached you will find the rough gamma radiation survey of the above referenced property. Other than some reading taken on lots at the request of the owner(s) these readings were taken within the public right-of-way only. At your written request we will do a complete survey of this property. As you will note the recommended levels are as follows:

Interim Recommendations For Gamma Exposure Levels
At New Structures Sites on Florida Phosphate Lands

External Gamma Radiation Level

Equal or greater than 0.01 mR/hr

Less than .01 mR/hr.

Recommendations

Construction should be delayed pending additional study or acceptable control technology should be instituted to preclude indoor radon daughter problems

Construction may be initiated

As you will note quite a few of those readings obtained were in excess of the recommended levels. Should you wish to discuss this further or discuss the possibility of utilizing control technology in the structures please do not hesitate to contact me.

Sincerely,

Donald R. Guthrie, P.E.
Sanitary Engineer

DRG:mnk
Enc.

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON Mission Oaks

TOWN VISITED Bartow DATE May, 1976

OWNER OF PROPERTY _____ PERSON SEEN _____

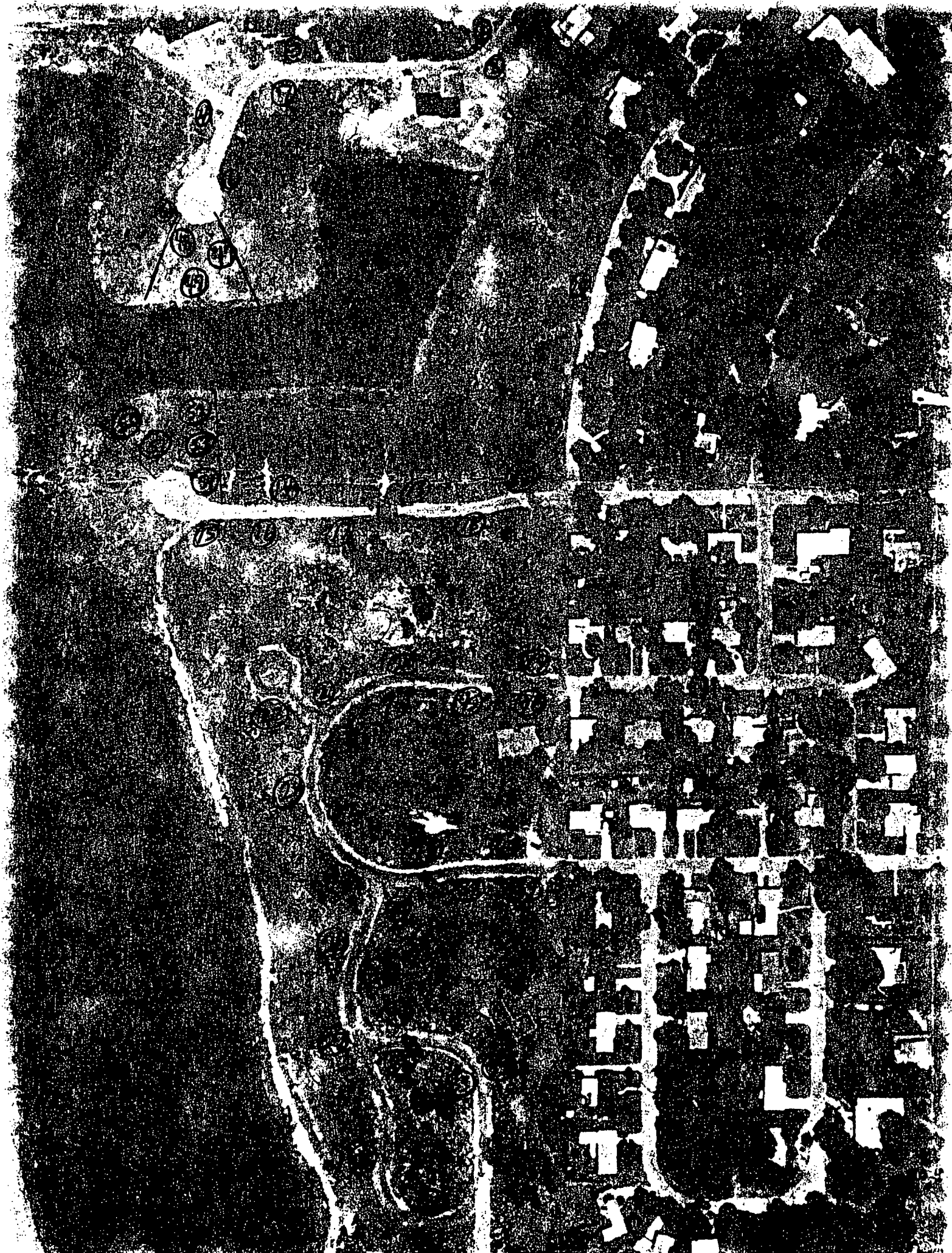
BY WHOM Harlan Keaton & Lee Forgey TIME SPENT 2 hours

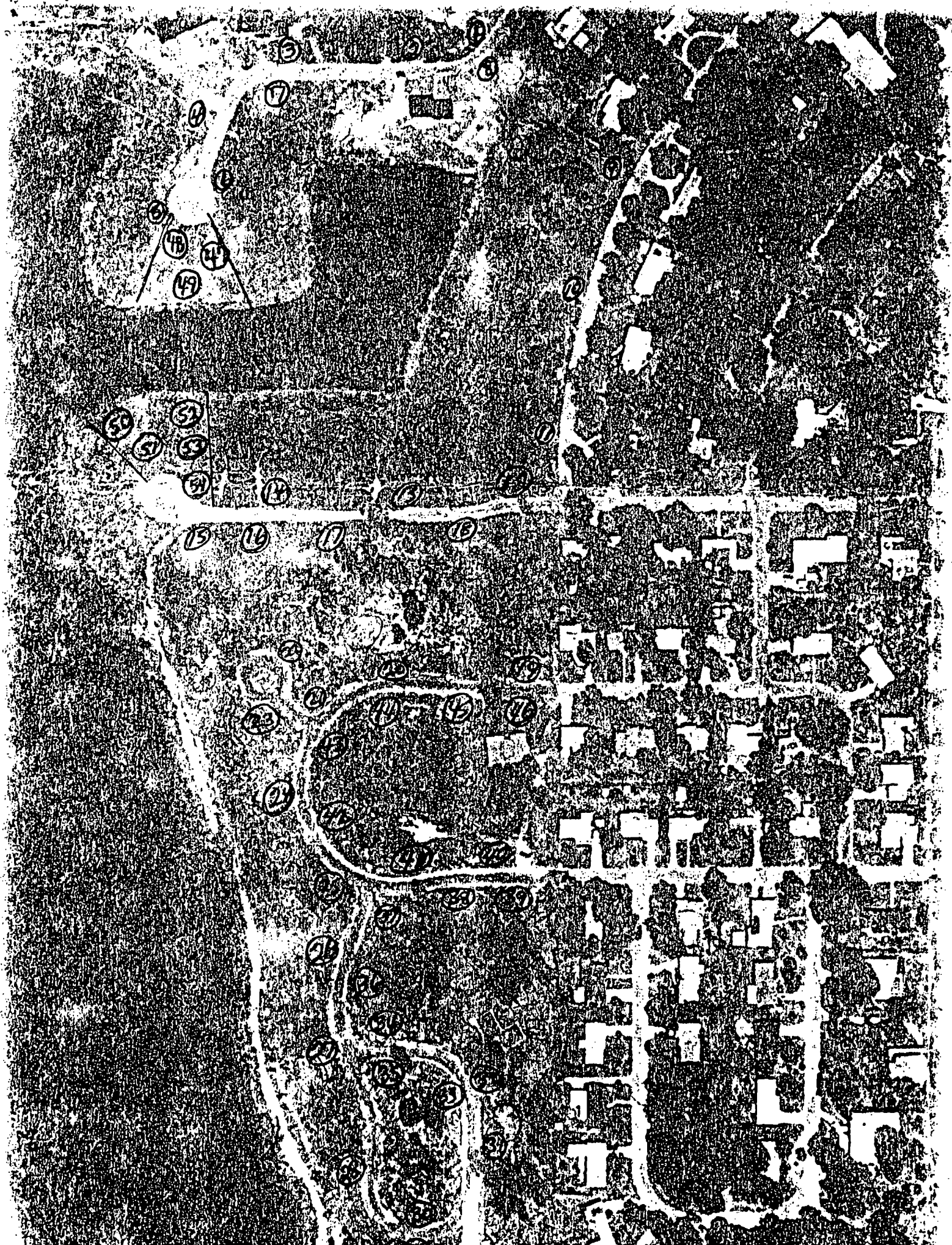
REASON FOR VISIT GAMMA SURVEY

REPORT:

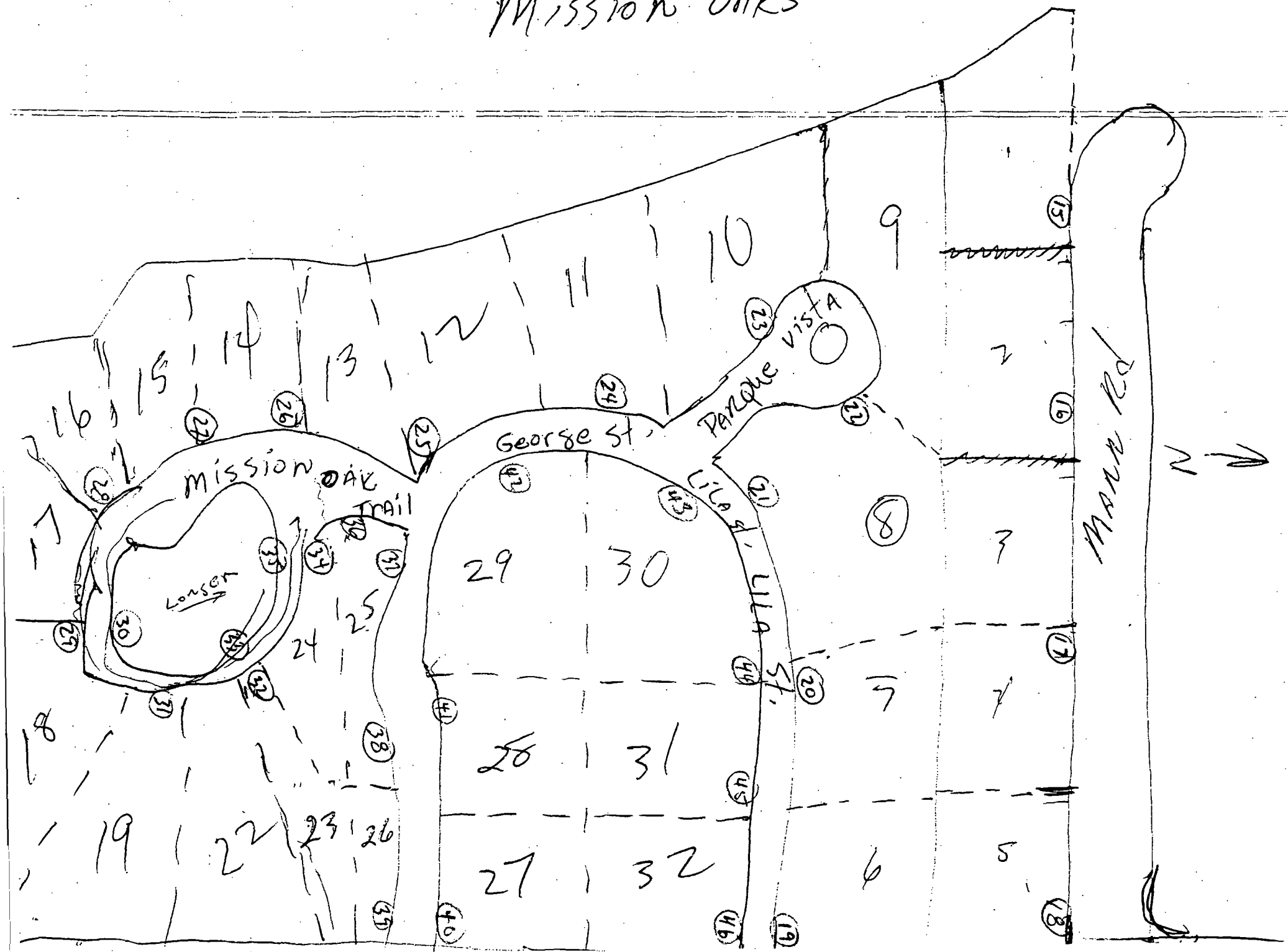
LOCATION #	GAMMA READING (Micro R/hr)
15	20
16	18
17	18
18	17
19	26
20	18
21	18
22	26
23	20
24	17
25	17
26	15
27	18
28	21
29	23
30	23
31	35
32	33
33	23
34	25
35	20
36	17
37	19
38	35
39	25
40	26
41	19
42	18
43	17
44	16
45	25
46	17

SAN 17

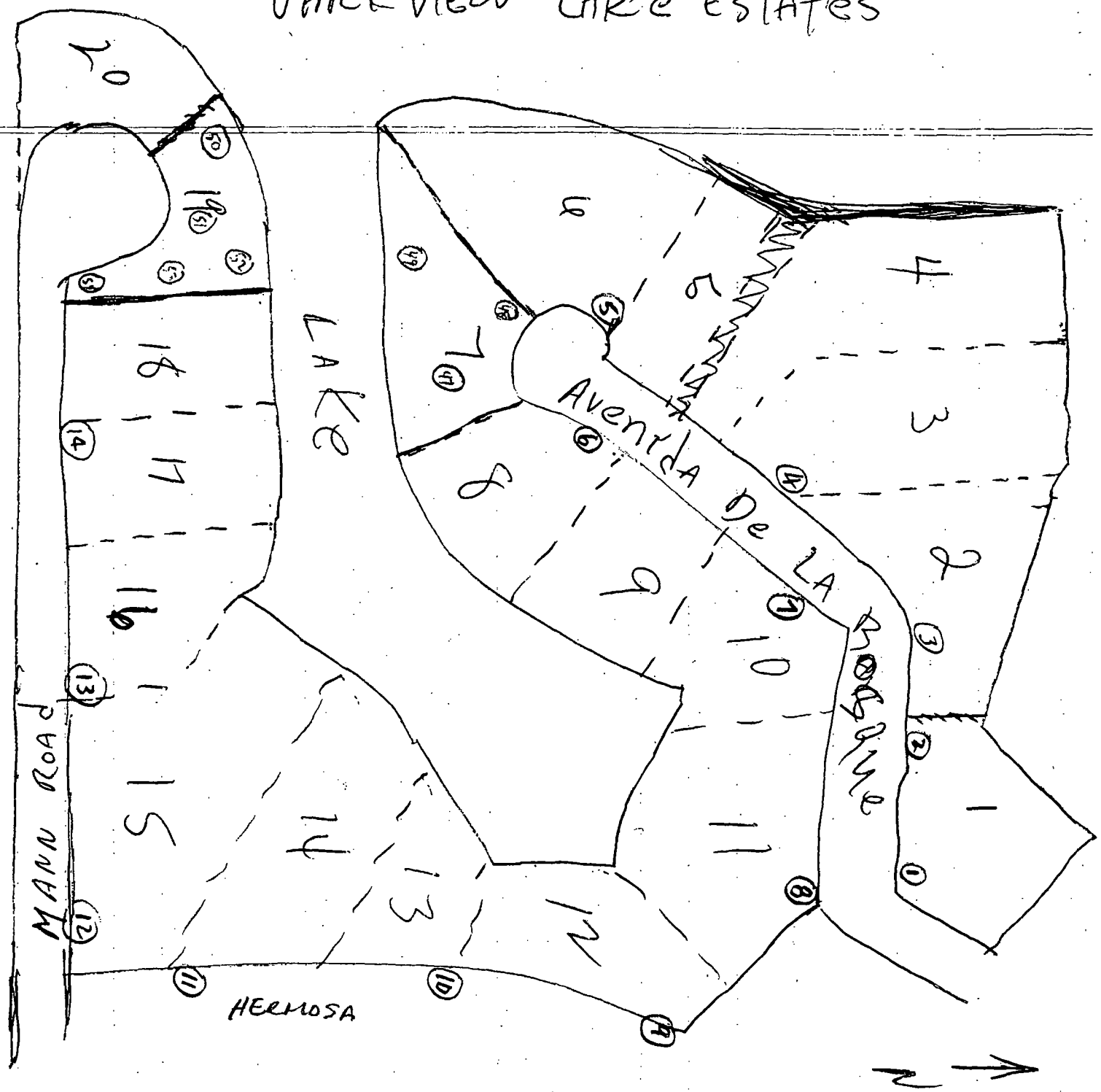




MISSION OAKS



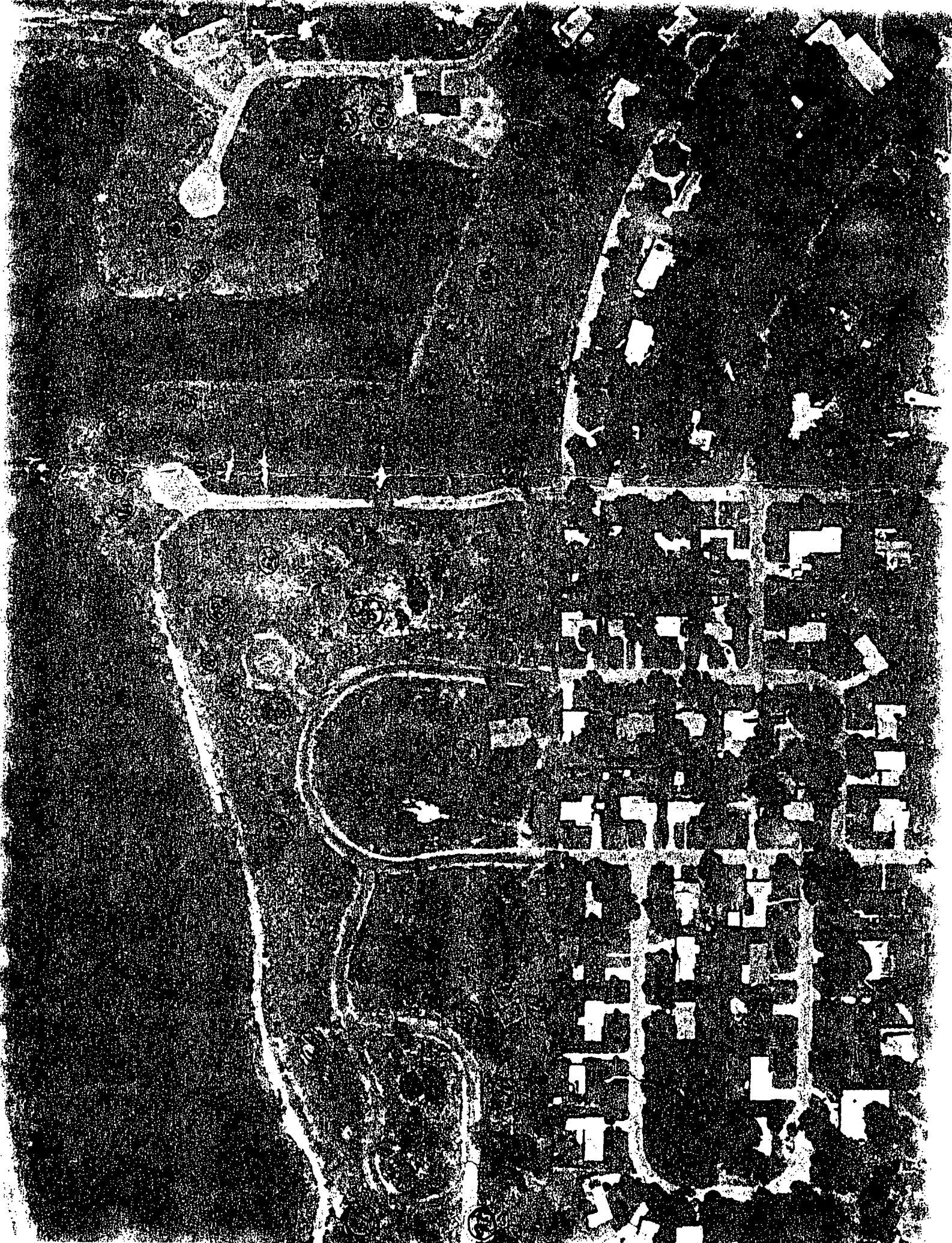
Parkview Lake Estates



POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON Mission Dikes & Parkview Lake Estates
 TOWN VISITED Bantow DATE April 14 & 15
 OWNER OF PROPERTY _____ PERSON SEEN _____
 BY WHOM Harlan Keaton & LEE Forney TIME SPENT 7 hours
 REASON FOR VISIT Gamma Map of Reclaimed Phosphate Land

REPORT:	Location No.	MR/hr	Location No.	MR/hr
			21.	10.2
1.	18.4		22.	12.1
2.	18.4		23.	8.2
3.	22.3		24.	20.5
4.	20.5		25.	22.3
5.	22.3		26.	18.6
6.	27.9		27.	24.2
7.	24.2		28.	18.4
8.	31.6		29.	20.5
9.	24.2		30.	37.2
10.	26.0		31.	29.8
11.	20.5		32.	22.3
12.	24.2		33.	14.5
13.	22.3		34.	29.8
14.	24.2		35.	18.6
15.	20.5		36.	18.6
16.	18.6		37.	18.4
17.	20.5		38.	18.6
18.	18.6		39.	24.2
19.	13.8		40.	16.7
20.	12.4		41.	20.5
			42.	18.4
			43.	20.5
			44.	20.5
			45.	24.2
			46.	20.5



9 - 22.5

10 - 26.4

11 - 22.0

12 - 23.5

13 - 21.5

14 - 22.7

15 - 20.5

16 - 21.7

17 - 21.8

18 - 19.5

19 - 14.3

20 - 12.9

21 - 10.8

22 - 12.3

23 - 8.3

24 - 22.0

25 - 22.7

26 - 20.2

27 - 21.2

28 - 18.0

29 - 19.7

30 - 37.2

31 - 29.5

32 - 22.9

33 - 14.9

34 - 30.4

35 - 20.4

36 - 18.8

37 - 19.2

38 - 19.5

39 - 26.3

40 - 18.1

41 - 21.7

42 - 20.2

43 - 21.0

44 - 22.1

45 - 24.4

46 - 20.2

1 - 20.0

2 - 20.5

3 - 23.4

4 - 23.0

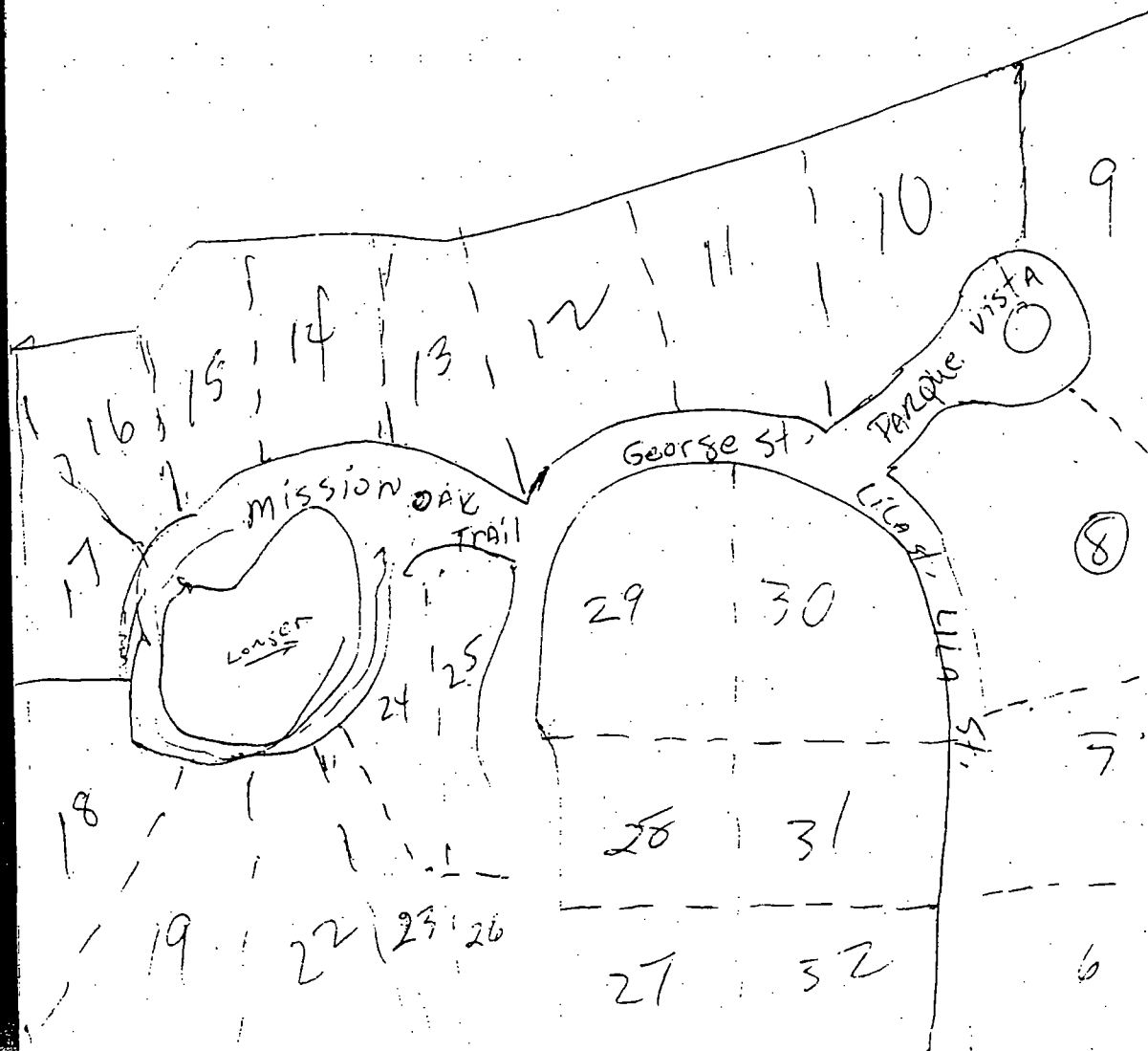
5 - 24.5

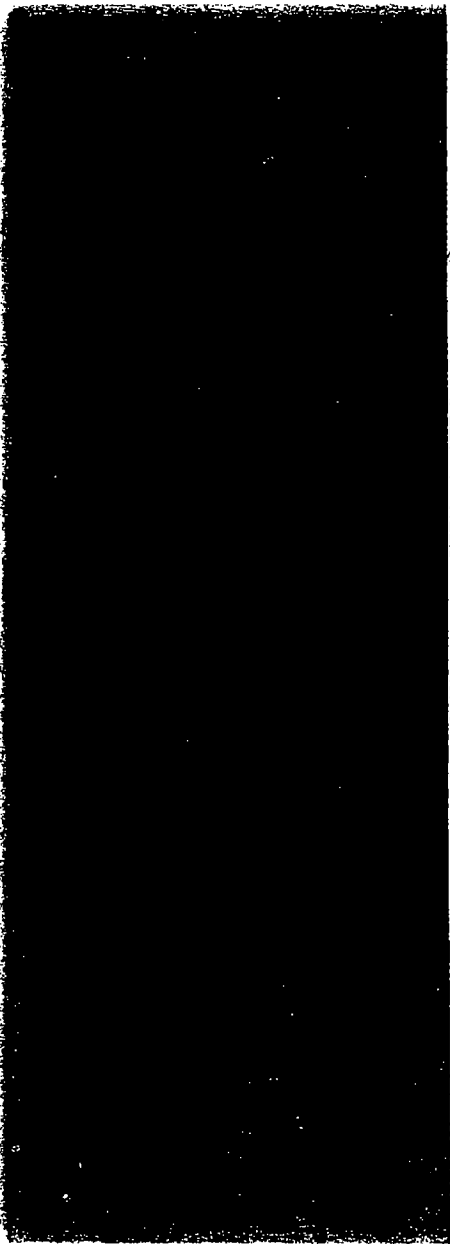
6 - 26.7

7 - 23.9

8 - 32.8

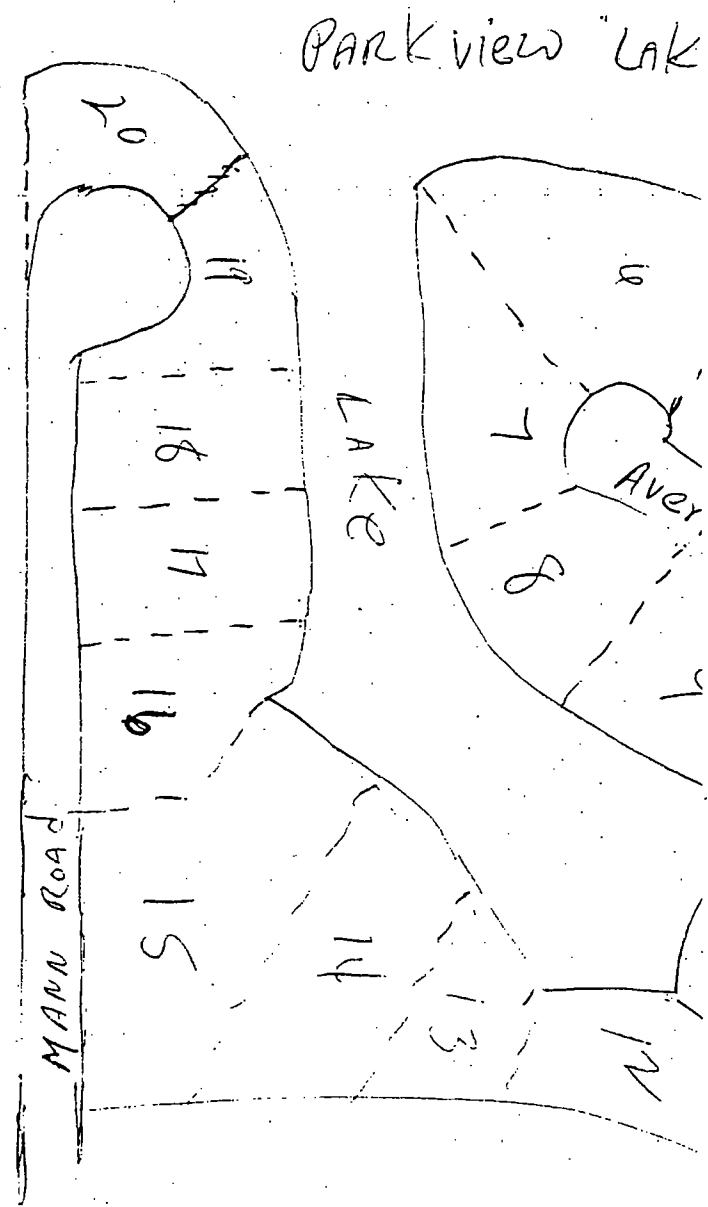
MISSION OAKS

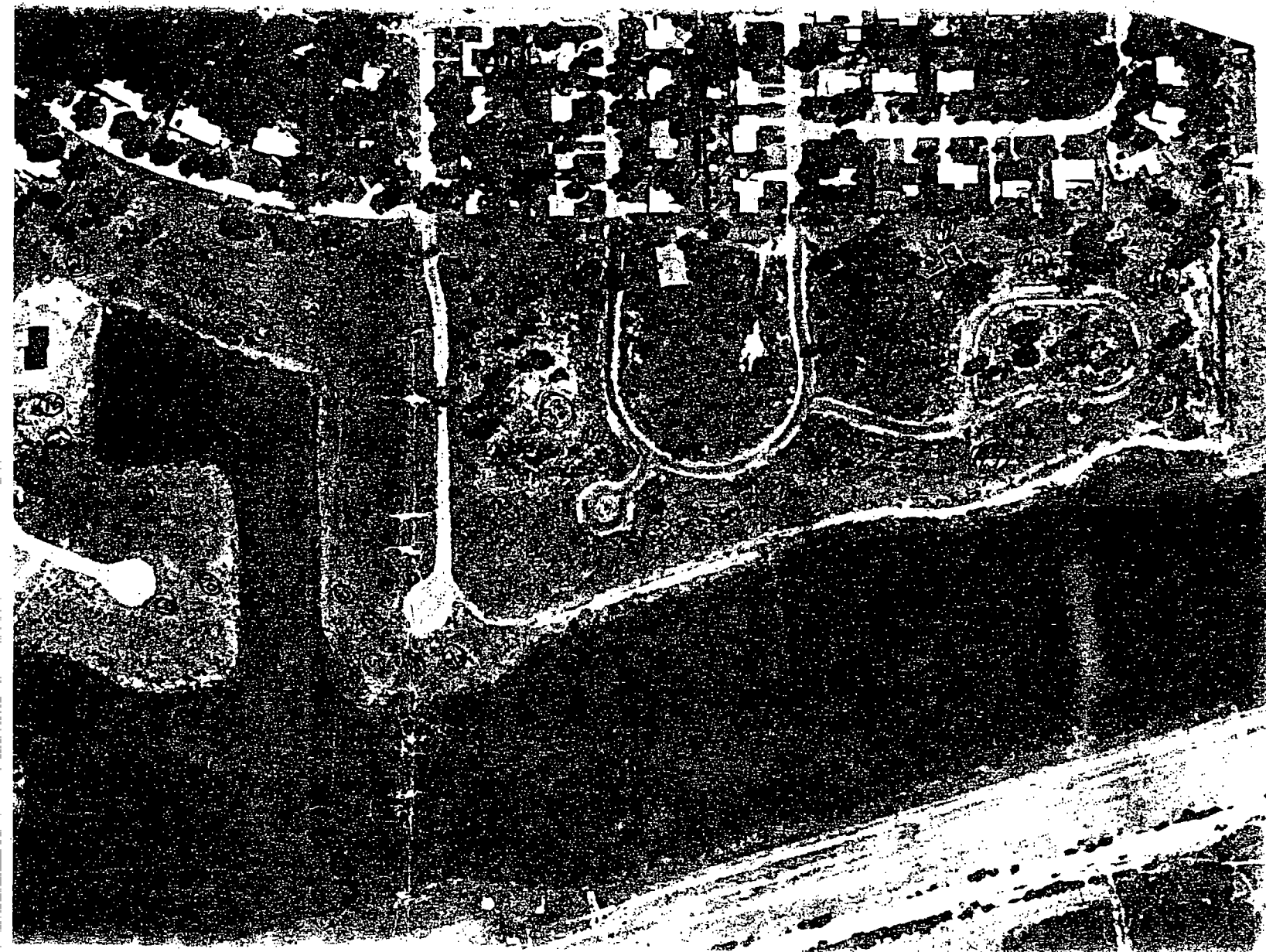




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- Pond
Jones





May 13, 1976

Rad. Health/ Land Survey
Parkview Lake Ests. S/D

Mr. Ronny Jones

(b) (6)

Dear Mr. Jones:

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Sincerely,

Donald R. Guthrie, P.E.
Sanitary Engineer

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON PARKVIEW LAKE ESTATES

TOWN VISITED Bartow

DATE May, 1976

OWNER OF PROPERTY _____

PERSON SEEN _____

BY WHOM Harlan Keaton & Lee Forgey

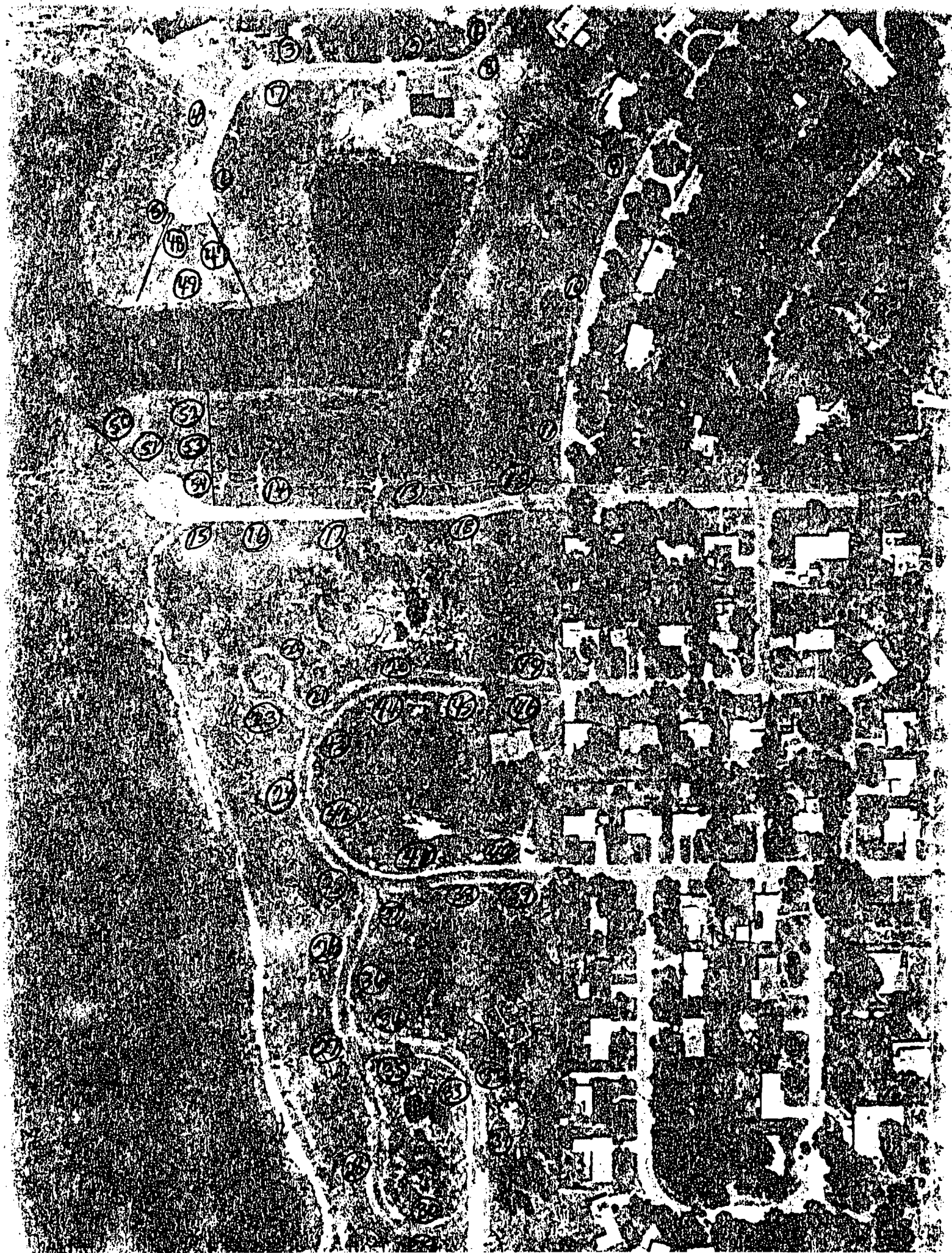
TIME SPENT 2 hours

REASON FOR VISIT GAMMA SURVEY

REPORT:

LOCATION # GAMMA READING (Micro R/hr)

1	16
2	18
3	18
4	20
5	18
6	18
7	18
8	12
9	25
10	38
11	38
12	21
13	19
14	18
47	20.5
48	24.2
49	26.0
50	22.3
51	20.5
52	22.3
53	18.6
54	18.6



*Field Report***POLK COUNTY HEALTH DEPARTMENT****DISTRICT OFFICES**1785 HOLLAND PKWY., SOUTH
BARTOW, FLORIDA 33830P. O. BOX 691
HAINES CITY, FLORIDA 33844P. O. BOX 334
LAKE WALES, FLORIDA 33853103 EAST CANAL STREET
MULBERRY, FLORIDA 33860WILLIAM F. HILL, JR., M.D.
DIRECTORP. O. BOX 1480
229 AVENUE D, N.W.
WINTER HAVEN, FLORIDA
33880

May 13, 1976

Rad. Health/ Land Survey
Parkview Lake Ests. S/D**DISTRICT OFFICES**1333 NORTH FLORIDA AVE.
LAKELAND, FLORIDA 33801P. O. BOX 33
WAVERLY, FLORIDA 338772 NORTH REEDY BLVD.
FROSTPOOF, FLORIDA 33843243 E. LAKE AVENUE
AUBURNDALE, FLORIDA 33823

Mr. Ronny Jones

(b) (6)

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Sincerely,

Donald R. Guthrie, P.E.
Sanitary EngineerDRG:mmk
Enc.

POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON PARKVIEW LAKE ESTATES
TOWN VISITED Bartow DATE May, 1976
OWNER OF PROPERTY _____ PERSON SEEN _____
BY WHOM Harlan Keaton & Lee Forgey TIME SPENT 2 hours
REASON FOR VISIT GAMMA SURVEY

REPORT:

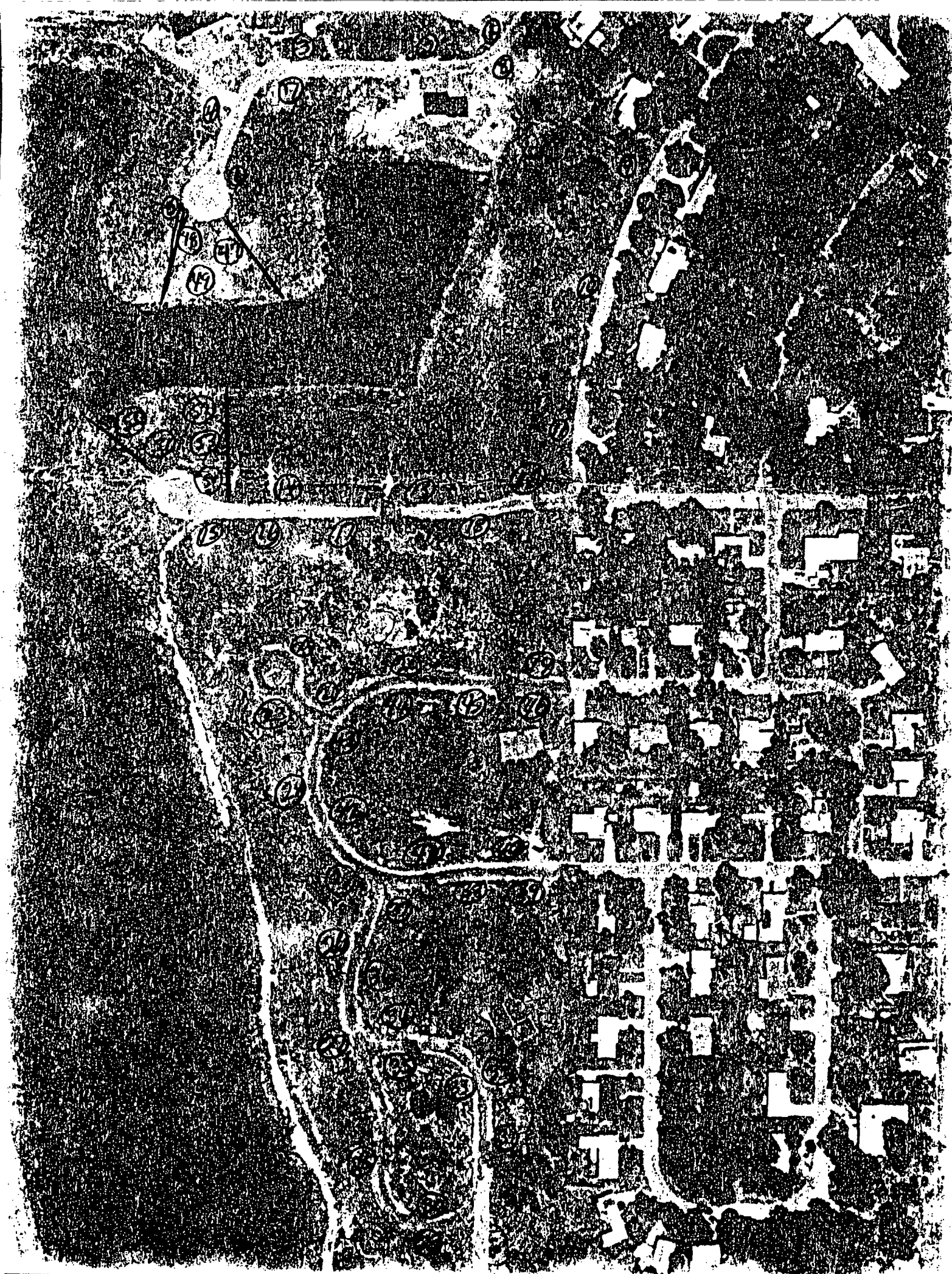
LOCATION # GAMMA READING (Micro R/hr)

1	16
2	18
3	18
4	20
5	18
6	18
7	18
8	12
9	25
10	38
11	38
12	21
13	19
14	18
47	20.5
48	24.2
49	26.0
50	22.3
51	20.5
52	22.3
53	18.6
54	18.6

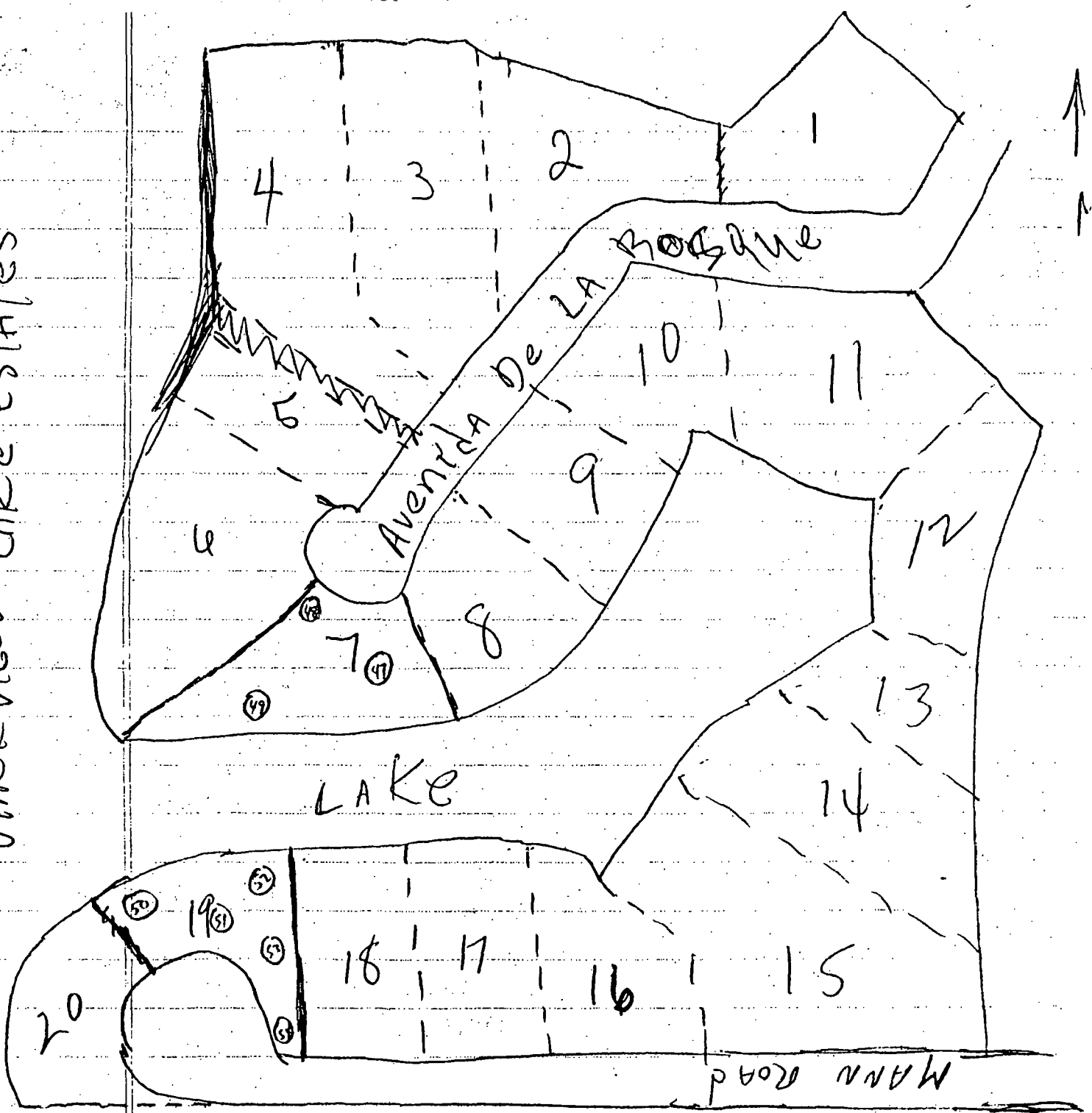
POLK COUNTY HEALTH DEPARTMENT

FIELD REPORT ON Mission Oaks & Parkview Lake Estates
 TOWN VISITED Barton DATE May 6, 1976
 OWNER OF PROPERTY _____ PERSON SEEN _____
 BY WHOM Harlan Keaton & Lee Forney TIME SPENT 2 hours
 REASON FOR VISIT GAMMA Survey of Reclaimed Phosphate lands
Lucium #3660 (EPA)

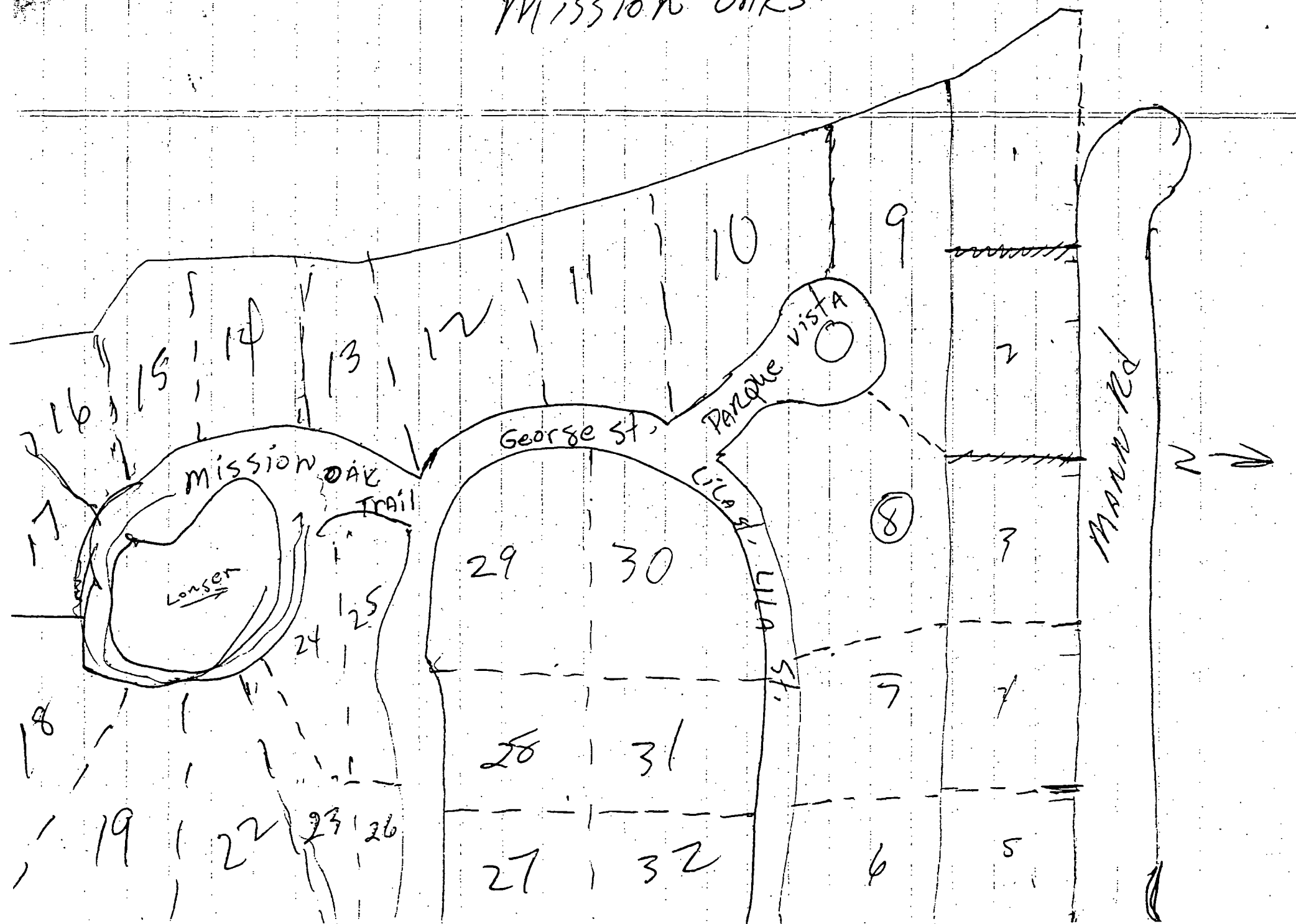
Location REPORT Number	GAMMA Reading in MicroRoentgens/hour		
1-16	21-18	42-18	
2-18	22-26	43-17	
3-18	23-20	44-16	
4-20	24-17	45-25	
5-18	25-17	46-17	
6-18	26-15	47-20.5	
7-18	27-18	48-24.2	
8-12	28-21	49-26.0	
9-25	29-23	50-22.3	
10-38	30-23	51-20.5	
11-38	31-35	52-22.3	
12-21	32-33	53-18.6	
13-19	33-23	54-18.6	
14-18	34-25		
15-20	35-20		
16-18	36-17		
17-18	37-19		
18-17	38-35		
19-26	39-25		
20-18	40-26		
	41-19		



Parkview Lake Estates



Mission Oaks



① Owners: (b) (6)

(b) (6)

u
(Mann rd.
BTW)

② Owners: (b) (6)

(b) (6)

To Mr. Harold Krieten

From
B. M. Newog